

ABSTRACT

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Devices and methods for moisture removal from conditioned air. A speed control is provided that selectively operates the blower motor of an air conditioning system at a lower speed. The speed control may include a time delay circuit and single pole, double throw relay. The speed control is used to slow the speed of the air cyclers during the initial stage of a cooling cycle. This initial stage is typically the first 5-7 minutes of the air conditioning cycle. In a further aspect, a humidistat is operably associated with the system for detection of humidity levels within the air of a home or other structure. The system is programmed to close the motorized outside air damper in the event that humidity levels exceed a predetermined level, thereby limiting further entry of humid outside air into the home.